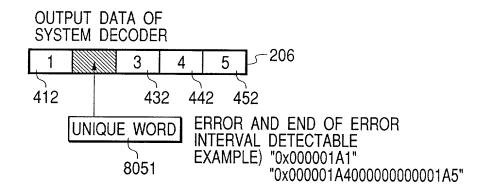
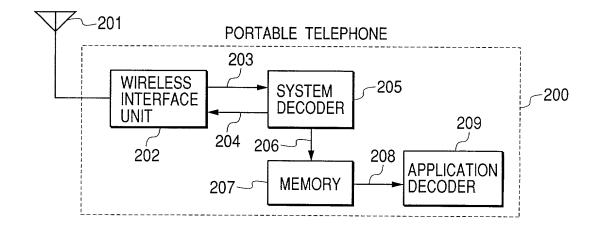
FIG. 1





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FIG. 3

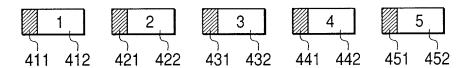


FIG. 4

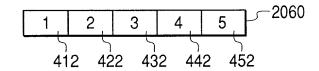
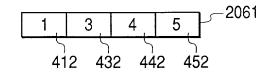


FIG. 5



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FIG. 6

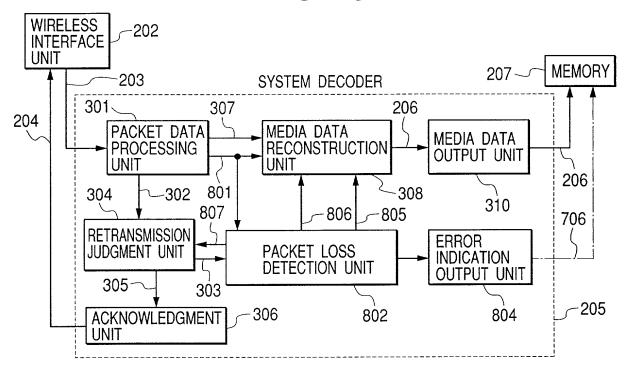
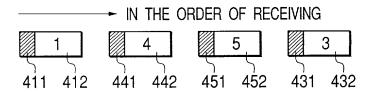


FIG. 7(a)



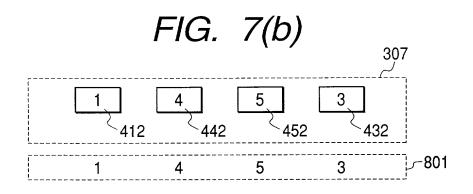


FIG. 8

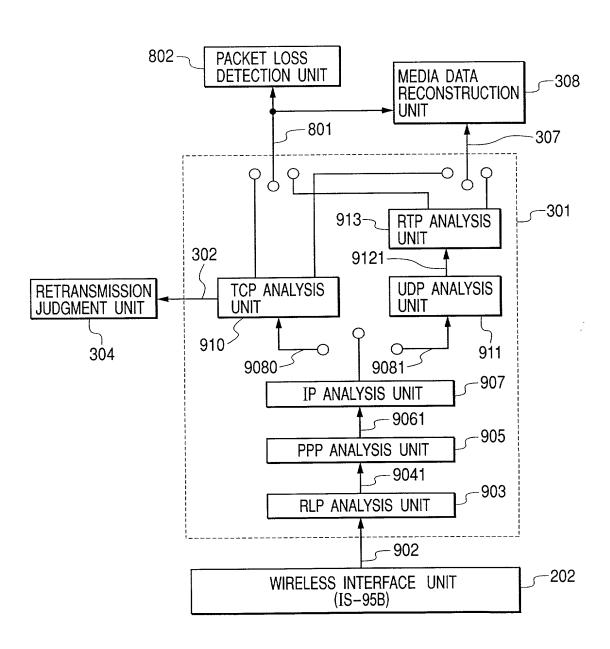


FIG. 9

IPv4 PACKET

VERSION (4 BITS)	HEADER LENGTH (4 BITS)					SERVICE TYPE (5 BITS)		TOTAL IP LENGTH (2 BYTES)	
DATAGRAM ID FRAGMENT (2 BYTES) (2 BYTES)		TIME TO LIVE (TTL) (1 BYTE			PROTOCOL (1 BYTE)		CHECKSUM (2 BYTES)		
SOURCE I ADDRESS (4 BYTES)	DESTINATION ADDRESS (4 BYTES)	N F	PORT		PAYLO)AD (VAR	IABLE	LENGTH)	
9061)								908

FIG. 10

9041 PPP FRAME **DESTINATION CYCLIC PAYLOAD PROTOCOL PORT** CONTROL REDUNDANCY **FLAG FLAG** (VARIABLE (2 BYTES) (1 BYTE) **ADDRESS CHECK** (1 BYTE) (1 BYTE) LENGTH) (1 BYTE) (2 BYTES) 906

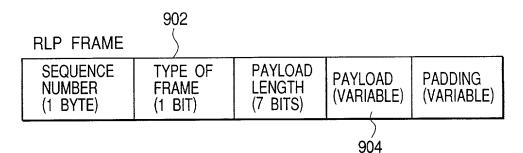


FIG. 12

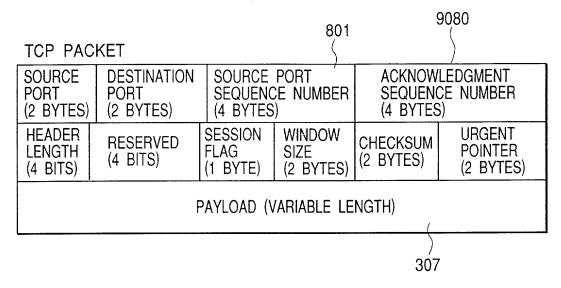
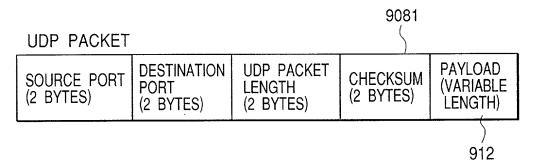


FIG. 13



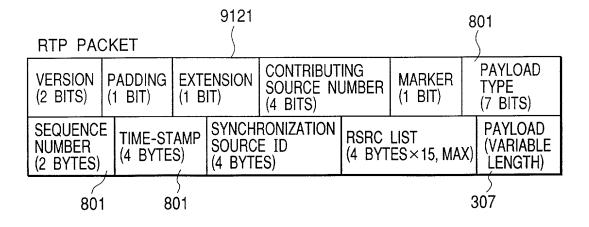
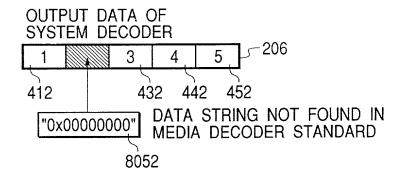


FIG. 15



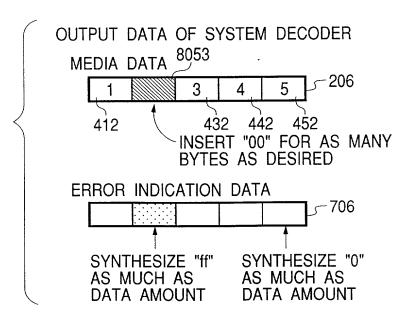


FIG. 17

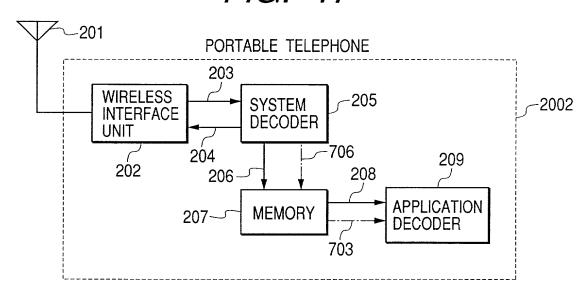
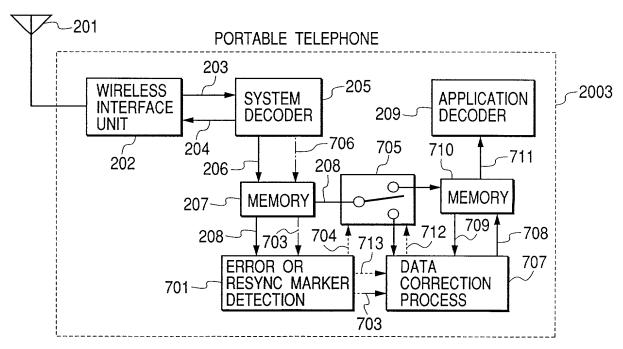


FIG. 18



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FIG. 19

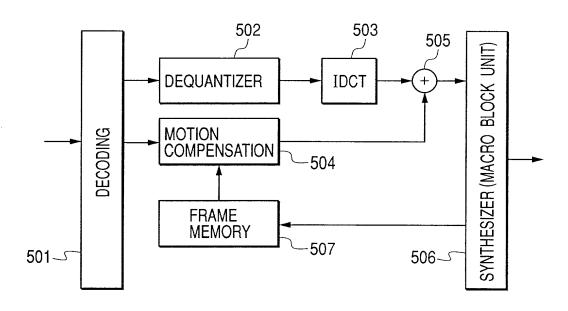


FIG. 20

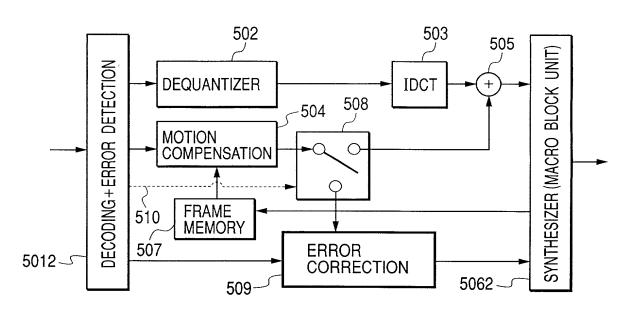


FIG. 21

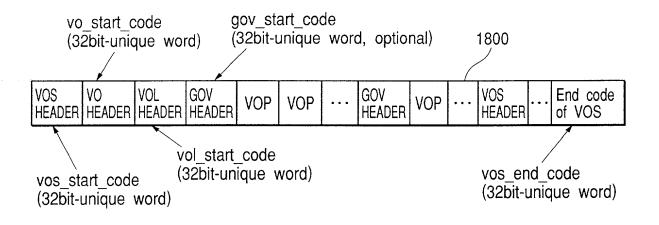
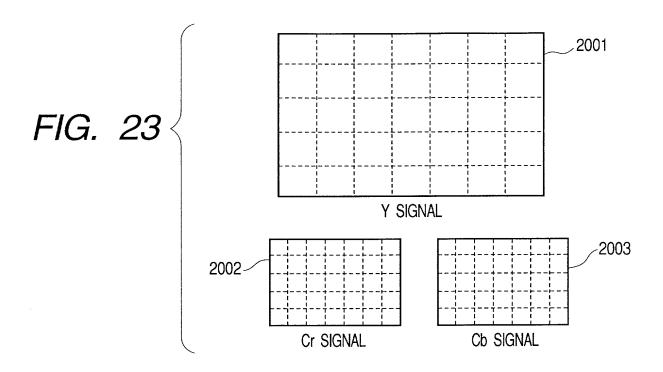
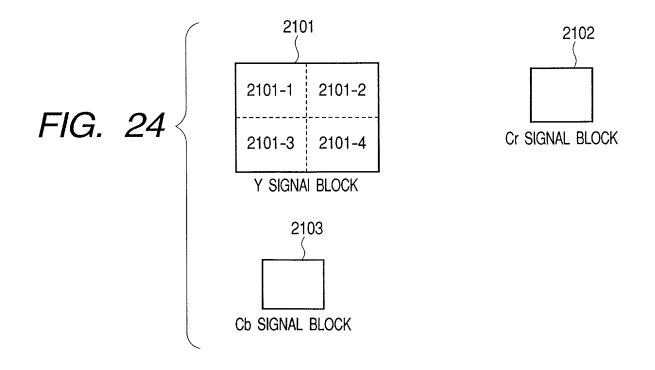


FIG. 22

1900

vop_start_code (32bit-unique wor		ding_type 2bit)	modulo_time_base (1bit AND ABOVE, TERMINATE WITH "0"		Έ,	marker_bit (1bit)
vop_time_increme (1-16bit VARIABL		_		vop_rounding_type (IN CASE OF 1bit, vop_coding_type !="1")		
intra_dc_vlc_thr (3bit)				(IN CASE g_type !="1")		code_backward(IN CASE oit, vop_coding_type=="B")





2200

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FIG. 25

ac_pred_flag (1bit, mb_type== not coded (1bit, vop coding mcbpc type==IN CASE OF "p") IN CASE OF intra or intra+q) (1-9bit VARIABLE) dquant (2bit, mb_type cpby (1-6bit, mb type!= MOTION VECTOR (mb type ==IN CASE OF IN CASE OF stuffing) ==inter, inter+q or inter4v) intra+q or inter+q) DIFFERENTIAL intra DC COEFFICIENT Intra AC COEFFICIENT or inter DC & AC (mb_type==intra or intra+q AND use COEFFICIENT (BLOCK DESIGNATED intra_dc_vlc==IN CASE OF "1") BY cbpy, cbpci)

mcbpc: mb_type (intra, intra+q, inter, inter+q, inter4v, stuffing), cbpc not_coded: IN CASE OF "1", mb_type=inter, NO MOTION, mcbpc

AND THEREAFTER OMITTED

use_intra_dc_vlc: DETERMINE BY quant AND intra dc vlc thr,

AND TAKE THE VALUE OF "0" OR "1"

FIG. 26

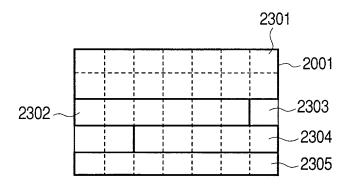


FIG. 27

VIDEO PACKET DATA (I-VOP)

VIDEO PACKET HEADER	PRIORITY DATA PART (I-VOP)	dc_marker (19bit)	AC COEFFICIENT CONTROL INFORMATION (ac_pred_flag, cbpy)	AC COEFFICIENT INFORMATION
2401	2402) 2403	2404	2405

FIG. 28

2401

resync_marker (17-23bit-unique	macroblock (1-14bit)	k_number quant_scale (5bit)		header_extension_code (1bit)			
modulo_time_b (1bit_AND_ABO TERMINATE_WIT	marker_bit (1bit)	vop_time_increment (1-16bit_VARIABLE)			vop_coding_type (2bit)		
intra_dc_vlc_thr (3bit)	vop_fcode_forward (IN CASE OF 3bit, coding_type !="1")			_	vop_fcode_backward (IN CASE OF 3bit, vop_coding type =="B")		

FIG. 29

24021

PRIORITY DATA PART (I-VOP)

	dquant (IN CASE OF	DIFFERENTIAL intra DC COEFFICIENT
(1-9bit VARIABLE)	2bit, mb_type==intra+q)	(IN CASE OF use_intra_dc_vlc=="1")

mcbpc : mb_type (intra, intra+q stuffing), cbpc

use_intra_dc_vlc: DETERMINE BY quant AND intra_dc_vlc_thr, AND TAKE THE VALUE OF "0" OR "1"

FIG. 30

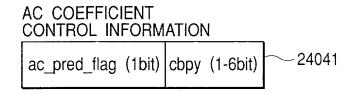


FIG. 31

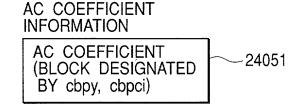


FIG. 32

VIDEO PACKET DATA (P-VOP)

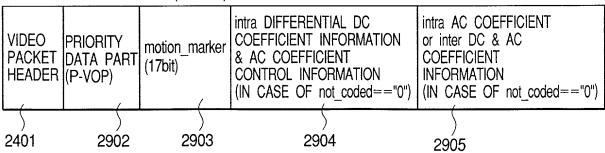


FIG. 33

PRIORITY DATA PART (P-VOP)

not_coded (1bit) | mcbpc | MOTION VECTOR | (mb_type==inter, inter+q, or inter4v)

mcbpc : mb_type (intra, intra+q, inter, inter+q, inter4v, stuffing), cbpc IN CASE OF not_coded : "1", mb_type=inter, NO MOTION, mcbpc AND THEREAFTER OMITTED

FIG. 34

intra DIFFERENTIAL DC COEFFICIENT
INFORMATION & AC COEFFICIENT
CONTROL INFORMATION

ac_pred_flag (IN CASE OF
1bit, mb_type==intra or cbpy (1-6bit) dquant (IN CASE OF
2bit, mb_type==intra+q
or inter+q)

DIFFERENTIAL intra DC COEFFICIENT
(mb_type==intra or intra+q)

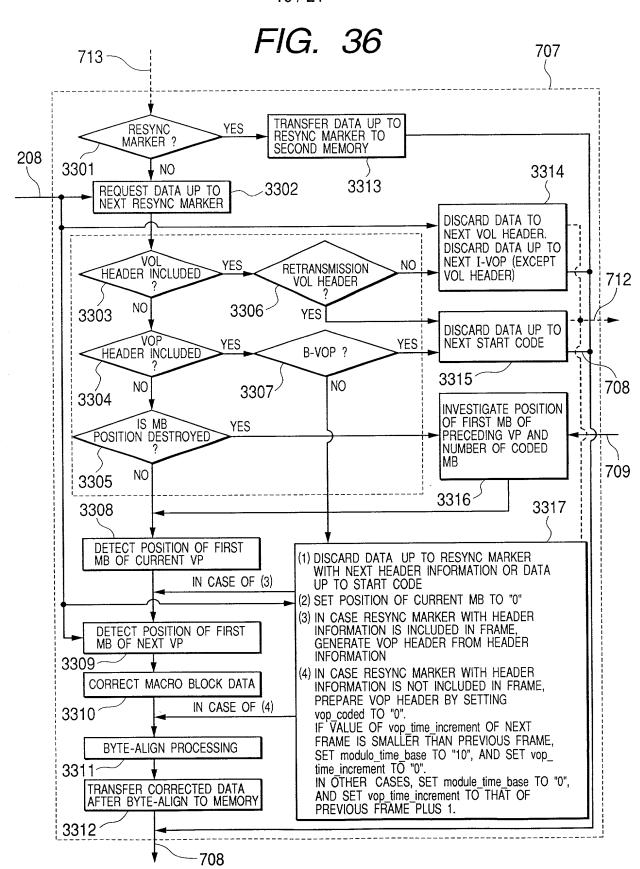
FIG. 35

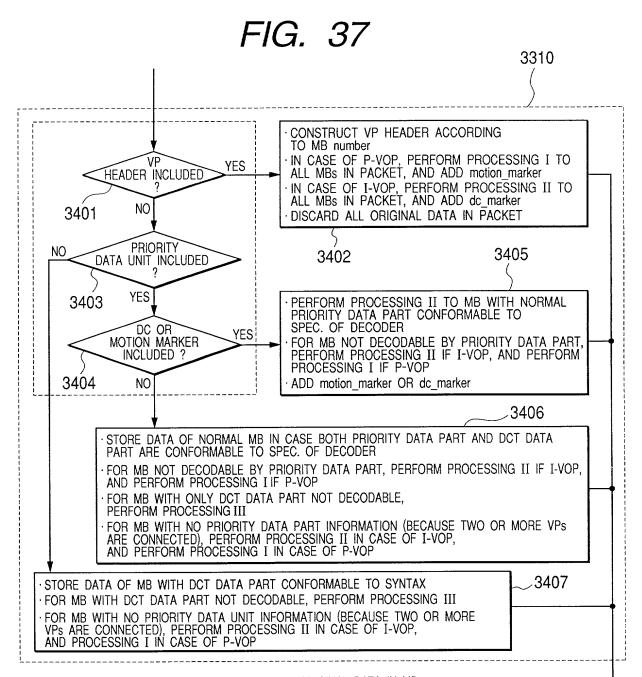
intra AC COEFFICIENT or inter DC & AC COEFFICIENT INFORMATION

intra AC COEFFICIENT or inter DC & AC COEFFICIENT (BLOCK DESIGNATED BY cbpy, cbpci

29051

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PROCESSING I:SET not coded FLAG TO "1". DELETE ORIGINAL DATA IN MB.

PROCESSING II: SET ALL DIFFERENTIAL DC COEFFICIENTS IN MB TO "0" AND SET mb_type TO "intra" AND SET cpby AND cbpc (mcbpc) TO NO CODED BLOCK.

DELETE ORIGINAL DATA IN MB.

PROCESSING III: SET cpby AND cbpc (mcbpc) TO NO CODED BLOCK.

FURTHER, IN CASE OF I-VOP, SET ac pred_flag TO "0", AND DELETE AC COEFFICIENT DATA.

IN CASE OF P-VOP, PERFORM PROCESSING I IF INTRA CODING. IF mb_type

IS PREDICTIVE CODING DELETE inter DC & AC COEFFICIENT DATA.

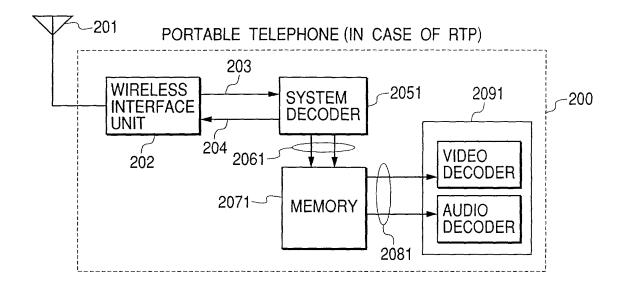
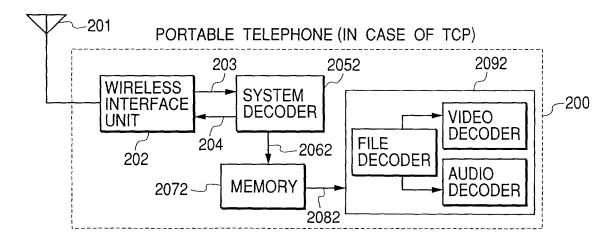


FIG. 39



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FIG. 40

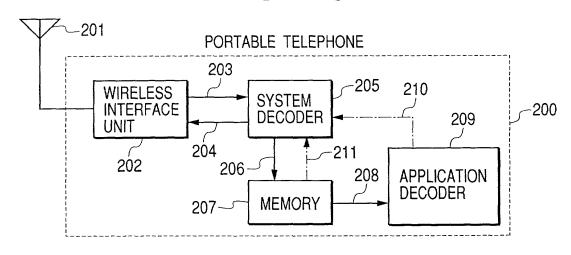


FIG. 41

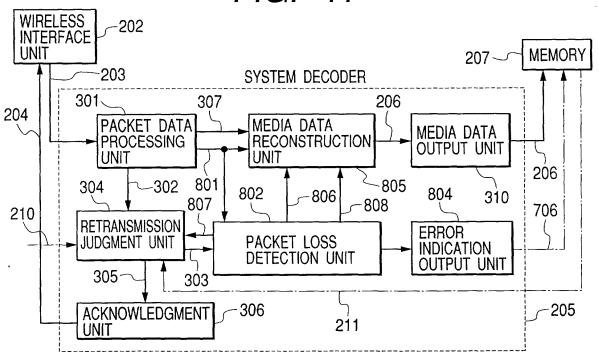


FIG. 42

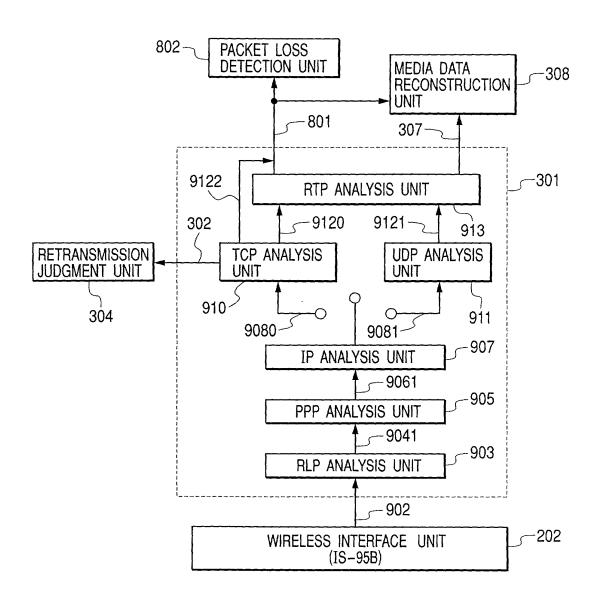


FIG. 43

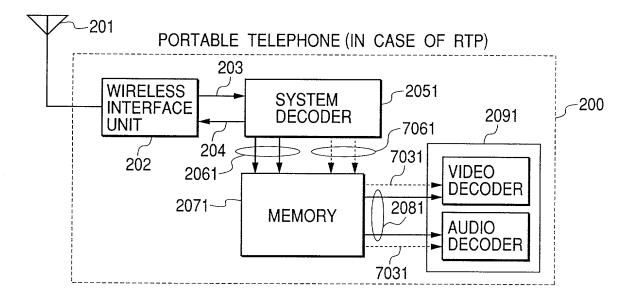


FIG. 44

